M4000 Advanced - UE403 Muting System Maintenance Training

SICK LifeTime Services Training Course

Description

Participants will learn how to maintain the M4000 Advanced - UE403 entry-exit muting system. Replacement of components, maintenance procedures and troubleshooting techniques will be explained. The instructor will share presentations and product demonstrations using either an online meeting tool, or when delivered at customer site or at the SICK North American Training Center, a hands on learning experience. Exercise tasks will be used to monitor participant's competency as the training progresses.

Objectives

- Assemble and align an M4000 Advanced - UE403 system
- Wire the M4000 Advanced to a safety interface
- Examine diagnostic information and troubleshooting tools
- Troubleshoot invalid muting cycles and sensor faults
- Troubleshoot external interface faults
- Recognize and correct product alerts for poor alignment and contamination
- Backup and load saved configurations
- Examine when components need to be reset to factory defaults
- Initialize the M4000 Advanced and the UE403 to factory defaults

Course Benefits

- Learn the fastest way to install and align light curtains
- Use the built-in diagnostic tools to troubleshoot a system to reduce downtime
- Understand filters to minimize sensor nuisance faults
- Understand device cloning to quickly replace components, if necessary
- Save and load a configuration and/or initialize redeployed components to ensure quick setup if replacement is necessary

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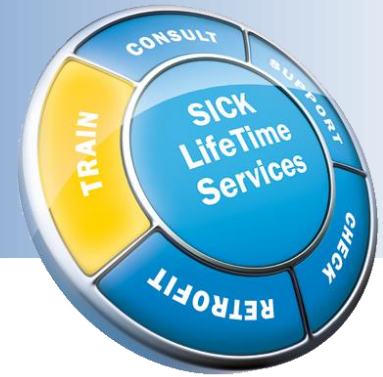
Target Audience
Technicians, Plant Maintenance Personnel

Prerequisites
- Simple mechanical aptitude
- Basic computer skills

Recommended Additional Course
- Basic Machine Safeguarding Training
- M4000 Advanced - UE403 Configuration Training

Duration
2 Hours

Class Size
Maximum of 8

Where Offered
- Customer site
- SICK North American Training Center
- Online meeting

Format
Presentation, demonstration, and exercises/quizzes

Testing Available
Yes

Customer Required Materials
For training at customer site, at a minimum, for every two participants:
- Minimum of two (2) 110 VAC outlets

For virtual training:
- Online meeting tool installed (if necessary) prior to attending

Logistics
The following must be made available for the duration of the training:
- A suitable training room/area
- For in-person training at customer site or at the SICK North American Training Center, SICK provides hardware workstations for the hands-on experience

Failure to have the customer required material and/or logistics available may lead to ineffective training and may result in the class not being able to achieve the described objectives and course benefits.

Part Number
1069312

Travel expenses additional. Please contact SICK for information.

SICK Training & Education
From product training, start-up assistance, and engineering and consulting services — SICK provides the necessary support before and after field installation through an established network of field personnel. Training, service and support programs from SICK help you reach your goals with our innovative, cost-effective solutions.

SICK offers several types of training programs to help you learn more about our innovative products and systems. Many of our training modules offer hands-on, real-world application examples and problem-solving experiences. Please visit our website at http://www.sickusa.com for more information.

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